

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV
1220 St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35251	Pool Code 76580	Pool Name Fenton Draw (Morrow)
Property Code 001776	Property Name BIG EDDY UNIT	Well Number 165
GRID No. 001801	Operator Name BEPCO, L.P.	Elevation 3191'

Surface Location

UL or lot No. S	Section 5	Township 21 S	Range 28 E	Lot Idn	Feet from the 1980	North/South line SOUTH	Feet from the 1980	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	Joint or Infill N	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

LOT 12 159.96 ACRES	LOT 11	LOT 10 160.06 ACRES	LOT 9
LOT 13	LOT 14	LOT 15	LOT 16
1/4 COR.	3191.6'	3192.8'	1/4 COR.
1980'	3188.8'	3189.4'	
160.17 ACRES	1980'	160.24 ACRES	
LAT - N32°38'25.8" LONG - W104°06'40.7" (NAD-83)			

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Gary E. Gerhard Date: 9/13/06

Printed Name: Gary E. Gerhard

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

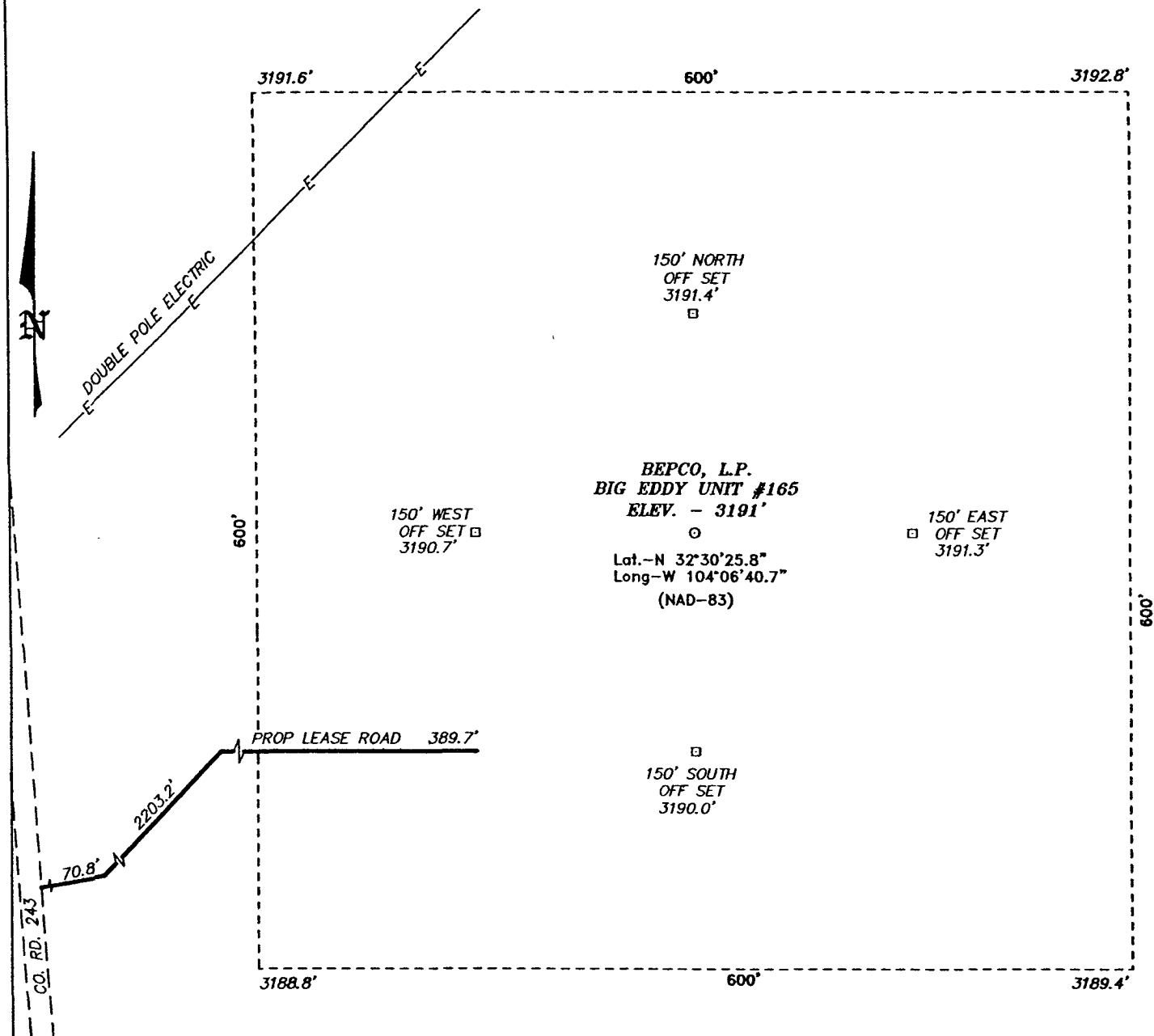
Date Surveyed: JULY 08, 2006

Signature of Professional Surveyor: [Signature]

Certificate No. Gary E. Jones 7977

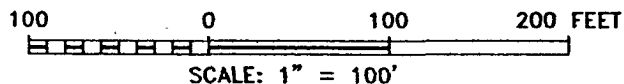
Basin Surveys

SECTION 5, TOWNSHIP 21 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF STATE HWY 62-180 AND CO.
RD 243 (MAGNUM), PROCEED NORTH ON CO. RD. 243
FOR 1.5 MILE TO PROPOSED LEASE ROAD.



BASIN SURVEYS P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 6598

Drawn By: J. M. SMALL

Date: 07-12-2006

Disk: JMS 6598W

BEPCO, L.P.

REF: BIG EDDY UNIT No. 165 / Well Pad Topo

THE BIG EDDY UNIT No. 165 LOCATED 1980' FROM
THE SOUTH LINE AND 1980' FROM THE WEST LINE OF
SECTION 5, TOWNSHIP 21 SOUTH, RANGE 28 EAST,

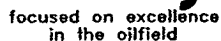
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 07-08-2006

Sheet 1 of 1 Sheets

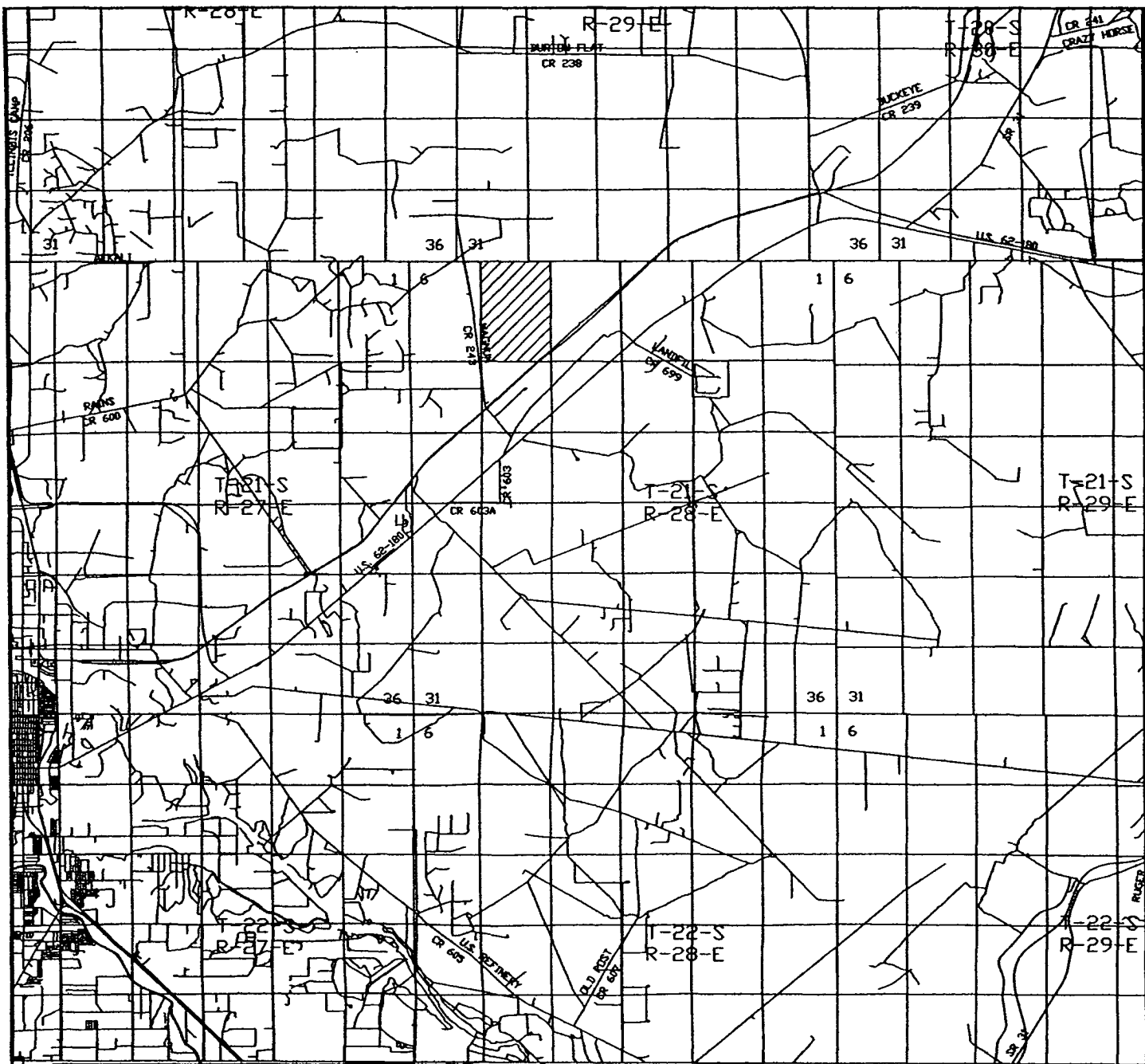


Located at 1980' FSL and 1980' FWL
Section 5, Township 21 South, Range 28 East,
N.M.P.M., Eddy County, New Mexico.



Date: 07-12-2006

BEPCO, L.P.



BIG EDDY UNIT #165
 Located at 1980' FSL and 1980' FWL
 Section 5, Township 21 South, Range 28 East,
 N.M.P.M., Eddy County, New Mexico.

basin
surveys
 focused on excellence
 in the oilfield

P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (505) 393-7316 - Office
 (505) 392-3074 - Fax
 basin-surveys.com

W.O. Number: 6598T

Survey Date: 07-08-2006

Scale: 1" = 2000'

Date: 07-12-2006

BEPCO, L.P.

INCLINATION REPORT

1. FIELD NAME

Fenton Draw (Morrow)

2. LEASE NAME

Big Eddy Unit #165

3. OPERATOR

BEPCO, L.P.

4. ADDRESS

P.O. Box 2760, Midland, Tx. 79702

5. LOCATION (Section, Block, and Survey)

Sec 5, T-21-S, R-28-E, Eddy, N.M.

RECORD OF INCLINATION

*11. Measured Depth (feet)	*12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	*14. Displacement per Hundred Feet (Sine of Angle x 100)	*15. Course Displacement (feet)	*16. Accumulative Displacement (feet)
264	264	1.00	1.75	4.62	4.62
596	332	2.00	3.49	11.58	16.20
777	181	1.50	2.62	4.74	20.94
885	108	3.00	5.23	5.64	26.58
1011	126	2.00	3.49	4.39	30.97
1136	125	3.25	5.67	7.08	38.05
1262	126	2.75	4.80	6.04	44.09
1382	120	1.25	2.18	2.61	46.70
1481	99	1.75	3.05	3.01	49.71
1605	124	0.50	.87	1.07	50.78
1769	164	1.50	2.62	4.29	55.07
1856	87	2.00	3.49	3.03	58.10
2019	163	0.50	.87	1.41	59.51
2143	124	0.50	.87	1.07	60.58
2393	250	0.50	.87	2.17	62.75
2670	277	1.75	3.05	8.44	71.19
2915	245	1.00	1.75	4.28	75.47
3288	373	1.00	1.75	6.52	81.99
3760	472	2.00	3.49	16.47	98.46
4201	441	1.00	1.75	7.71	106.17
4574	373	0.50	.87	3.24	109.41
5039	465	1.75	3.05	14.18	123.59
5076	37	1.00	1.75	0.64	124.23
5419	343	1.00	1.75	6.00	130.23
5724	305	1.00	1.75	5.33	135.56
6005	281	2.00	3.49	9.80	145.36
6042	37	1.00	1.75	0.64	146.00
6442	400	3.25	5.67	22.68	168.68
6448	6	3.00	5.23	0.31	168.99
6479	31	3.00	5.23	1.62	170.61
6598	119	4.50	7.85	9.34	179.95
6756	158	3.00	5.23	8.26	188.21
6819	63	5.00	8.72	5.49	193.70
6877	58	3.00	5.23	3.03	196.73
6908	31	3.50	6.10	1.89	198.62
7032	124	3.25	5.67	7.03	205.65
7102	70	3.00	5.23	3.66	209.31
7153	51	3.25	5.67	2.89	212.20
7248	95	2.00	3.49	3.31	215.51
7280	32	3.25	5.67	1.81	217.32
7311	31	3.00	5.23	1.62	218.94
7416	105	3.00	5.23	5.49	224.43
7550	134	2.25	3.93	5.26	229.69
7672	122	2.50	4.36	5.31	235.00
7764	92	2.50	4.36	4.01	239.01
7789	25	2.75	4.80	1.20	240.21
7914	125	2.50	4.36	3.12	243.33
8079	165	1.00	1.75	2.88	246.21
8165	86	1.75	3.05	2.62	248.83
8289	124	1.25	2.18	2.70	251.53
8487	198	1.00	1.75	3.46	254.99
8791	304	1.00	1.75	5.32	260.31
8830	39	1.00	1.75	0.68	260.99
9195	365	1.50	2.62	9.56	270.55
9594	399	1.00	1.75	6.98	277.53
9864	270	1.00	1.75	4.72	282.25
10049	185	0.75	1.31	2.42	284.67
10485	436	1.00	1.75	7.63	292.30
10891	406	1.00	1.75	7.10	299.40
11198	307	1.00	1.75	5.37	304.77
11529	331	1.25	2.18	7.21	311.98
12017	488	2.00	3.49	17.03	329.01

Accumulative total displacement of well bore at total depth of

12017'

329.01' feet

Inclination measurements were made in:



Tubing



Casing

Open Hole



[Signature]

Signature of Authorized Representative

L.V. Bohannon

Name of Person and Title (type or print)

Adobe Drilling

Name of Company

Telephone

432-552-5553

Area Code

[Signature]

Signature of Authorized Representative

Ann Moore Prod. Clerk

Name of Person and Title (type or print)

BEPCO, L.P.

Name of Company

Telephone

(432) 683-2277

Area Code

Certified By

[Signature]

Date

6-21-07

[Handwritten]
6/26/07